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| FORM PTO-1390 MODIFIED | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTORNEY'S DOCKET NUMBER 330-284 |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) 104509241 <small>To be assigned</small> |
| INTERNATIONAL APPLICATION NO. PCT/JP03/03873 | INTERNATIONAL FILING DATE 27/March/2003 | PRIORITY DATE CLAIMED 28/March/2002 |
| TITLE OF INVENTION THERMAL RECORDING MATERIAL FOR OFFSET PRINTING | | |
| APPLICANT(S) FOR DO/EO/US TAKAGI et al. | | |

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☒ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
- A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
 - ☐ is attached hereto (pages specification, claims & abstract (claims), sheets drawings).
 - ☒ has been communicated by the International Bureau.
 - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☒ An English language translation
 - ☒ of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (78 pages specification, claims & abstract (17 claims), sheets drawings, page Certificate of Translation).
 - ☐ of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - ☐ are attached hereto (required only if not communicated by the International Bureau).
 - ☐ have been communicated by the International Bureau.
 - ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
 - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
 - ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
- See item 6.b. above.
Items 11 To 20 below concern document(s) or information included:
- ☒ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- ☐ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- ☒ A **FIRST** preliminary amendment.
- ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
- ☐ A substitute specification.
- ☐ A change of power of attorney and/or address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information. PTO-1449 Form

DT04 Rec'd PCT/PTO 28 SEP 2004

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| U.S. APPLICATION NO. 10/509241 To be assigned | | INTERNATIONAL APPLICATION NO. PCT/JP03/03873 | | ATTORNEY'S DOCKET NUMBER 330-284 | |
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|--|---------------|--------------|-----------|------------|----------------------------------|----|
| 21. <input checked="" type="checkbox"/> The following fees are submitted: | | | | | CALCULATIONS PTO USE ONLY | |
| BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5)): -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1080.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$920.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO.....\$770.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)\$730.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00 <div style="text-align: right;">ENTER APPROPRIATE BASIC FEE AMOUNT =</div> | | | | | \$ 920.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)). | | | | | \$ 130.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | |
| Total Claims | 17 minus 20 = | 0 | X \$18.00 | \$ 0.00 | | |
| Independent Claims | 1 minus 3 = | 0 | X \$86.00 | \$ 0.00 | | |
| MULTIPLE DEPENDENT CLAIMS(S) (if applicable) | | | | \$290.00 | | |
| Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months) | | | | \$ 0.00 | | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 1050.00 | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | | \$ 0.00 | |
| SUBTOTAL = | | | | \$ 1050.00 | | |
| Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)). | | | | | \$ 0.00 | |
| TOTAL NATIONAL FEE = | | | | \$ 1050.00 | | |
| Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property | | | | | \$ 0.00 | |
| Fee for Petition to Revive Unintentionally Abandoned Application (\$1330.00 - Small Entity = \$665.00) | | | | | \$ 0.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ 1050.00 | | |
| | | | | | Amount to be: | |
| | | | | | refunded | \$ |
| | | | | | Charged | \$ |

a. ☒ A check in the amount of \$1050.00 to cover the above fees is enclosed.
 b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed.
 c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.
 d. ☒ The entire content of International Application No. **PCT/JP03/03873** and any U.S. and foreign application(s) corresponding thereto, and JP 2002-90614, referred to in this application is/are hereby incorporated by reference in this application.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

CORRESPONDENCE ADDRESS
 Direct all correspondence to:

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Place Customer Number Bar Label Here →

Arthur R. Crawford
 NAME

25,327
 REGISTRATION NUMBER

September 28, 2004
 Date